

What is claimed is:

- Sub A1
1. A method of making a lyophilizate of a peptide which contains 3-15 amino acids, said method comprising dissolving the peptide in acetic acid to form a solution containing 100 - 10,000 parts by weight of acetic acid for each part of peptide, transferring the solution to water, and lyophilizing the resulting solution.
 2. A method as set forth in claim 1 in which at least one bulking agent is dissolved in the acetic acid with the peptide.
 3. A method as set forth in claim 2 in which the bulking agent is mannitol.
 4. A method as set forth in claim 1 in which the peptide is selected from the group consisting of Bombesin-Antagonist, Protirelin, Somatostatin and Cetrorelix.
 5. A method as set forth in claim 1 in which the peptide is selected from the group consisting of Bombesin-Antagonist, Protirelin and Somatostatin.
 6. A method as set forth in claim 1 in which the peptide is cetrorelix.
 7. A pharmaceutical composition containing a peptide produced by the method of any one of claims 1-5.
 8. A pharmaceutical composition containing a peptide produced by the method of claim 6.
 9. A method of treating female infertility which comprises administering an effective amount of the pharmaceutical composition of claim 8.
 10. A method of providing male gonad protection which comprises administering to a male an effective amount of the pharmaceutical composition of claim 8.
- Add A1
- Add B1
- Add D1
- Add J2